

630A Thermal Magnetic Molded Case Circuit Breaker for Busbar Mounting

This 3-pole, 630A molded case circuit breaker (MCCB) is designed for electrical protection in power distribution systems. It features a thermal-magnetic trip mechanism for overload and short-circuit protection and is suitable for busbar mounting.



ADDITIONAL IMAGES



Overview

High-Performance 630A Molded Case Circuit Breaker

This 3-pole molded case circuit breaker (MCCB) is engineered for robust electrical protection in demanding power distribution systems. Featuring a thermal-magnetic trip mechanism, it provides reliable defense against both overloads and short circuits. Designed specifically for busbar mounting, it ensures secure installation and efficient power management in Category A environments.

Key Performance Metrics

Key Ratings

630 A

Rated Current (In)

12 kV

Impulse Voltage (Uimp)

1150 V

Insulation Voltage (Ui)

Electrical Specifications

Rated Working Voltage (Ue)

- AC 400V
- AC 415V
- AC 500V
- AC 690V

Number of Poles

3

Rated Frequency

50Hz / 60Hz

Over-current Release Type

Thermal-magnetic

Breaking Capacity

Short-circuit Breaking Capacity (Icu/Ics)

Voltage (V)	Icu/Ics (kA)
415V	70/70
500V	40/40
690V	20/20

Durability & Environment

Mechanical Life	10000 cycles
Electrical Life	5000 cycles
Operating Temperature	-40°C to +70°C

Compliance & Standards

International Standards

- IEC/EN 60947-2
- GB/T 14048.2

Quality Certificates

CCC • CB • CE • TÜV